

FIG. 2

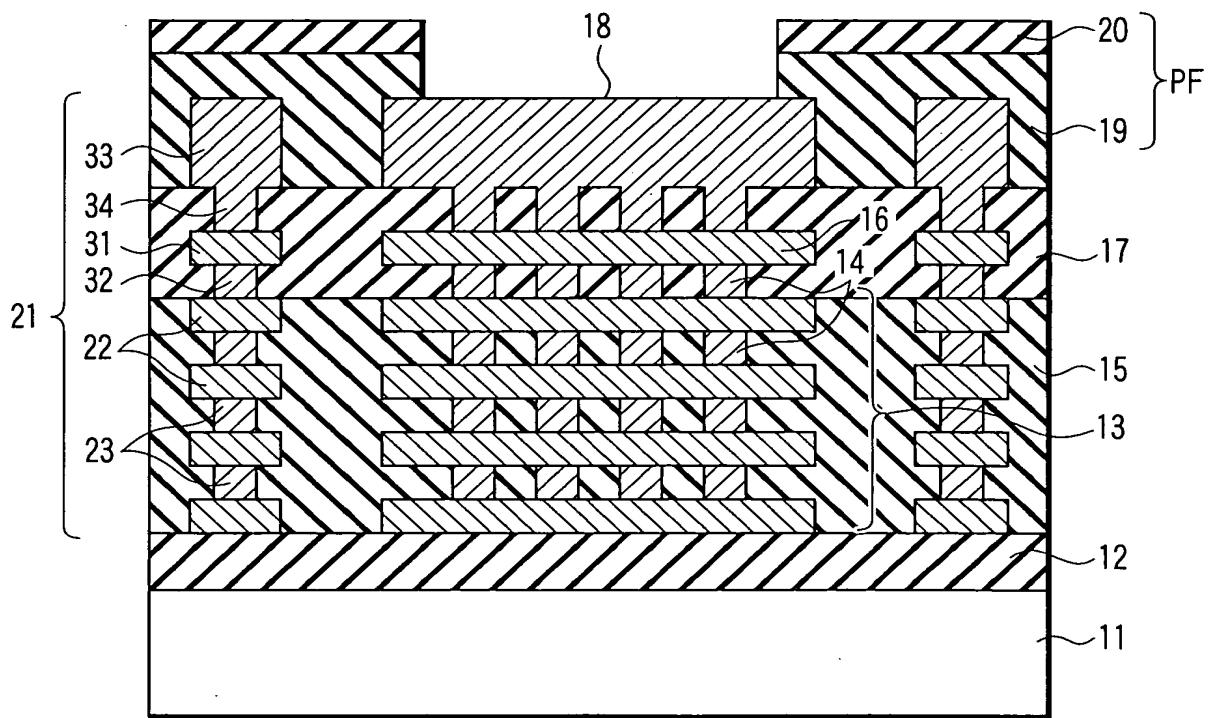


FIG. 3

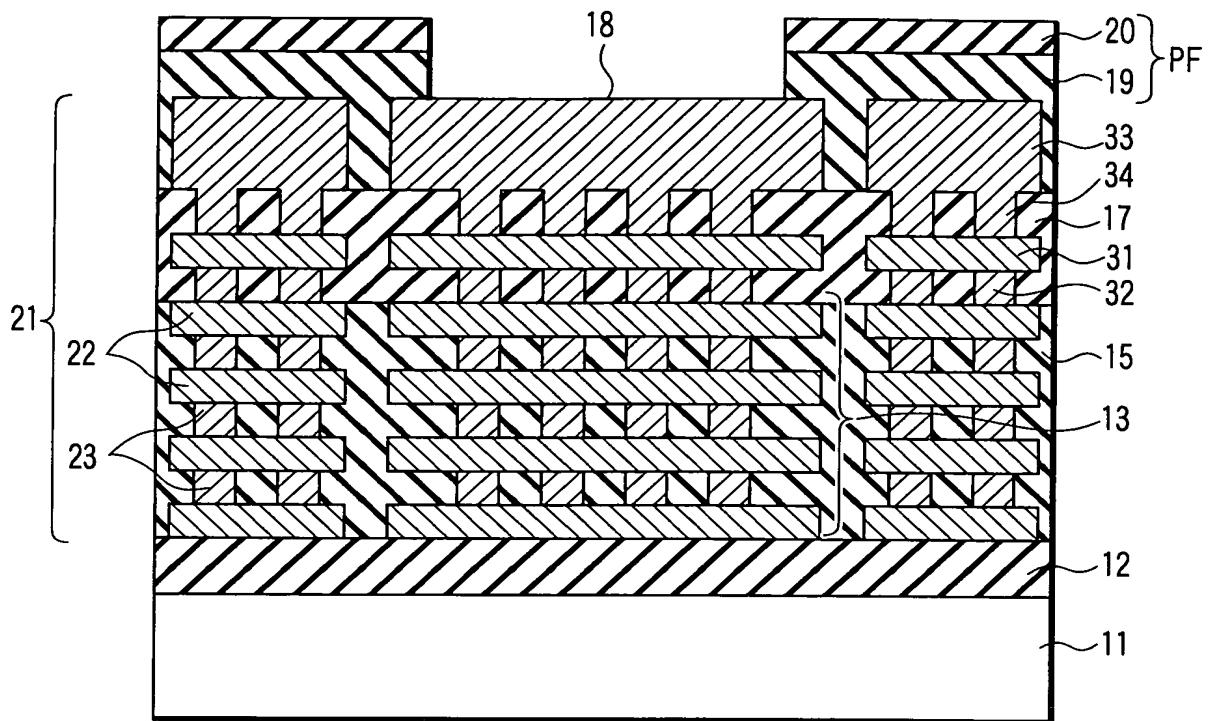


FIG. 6

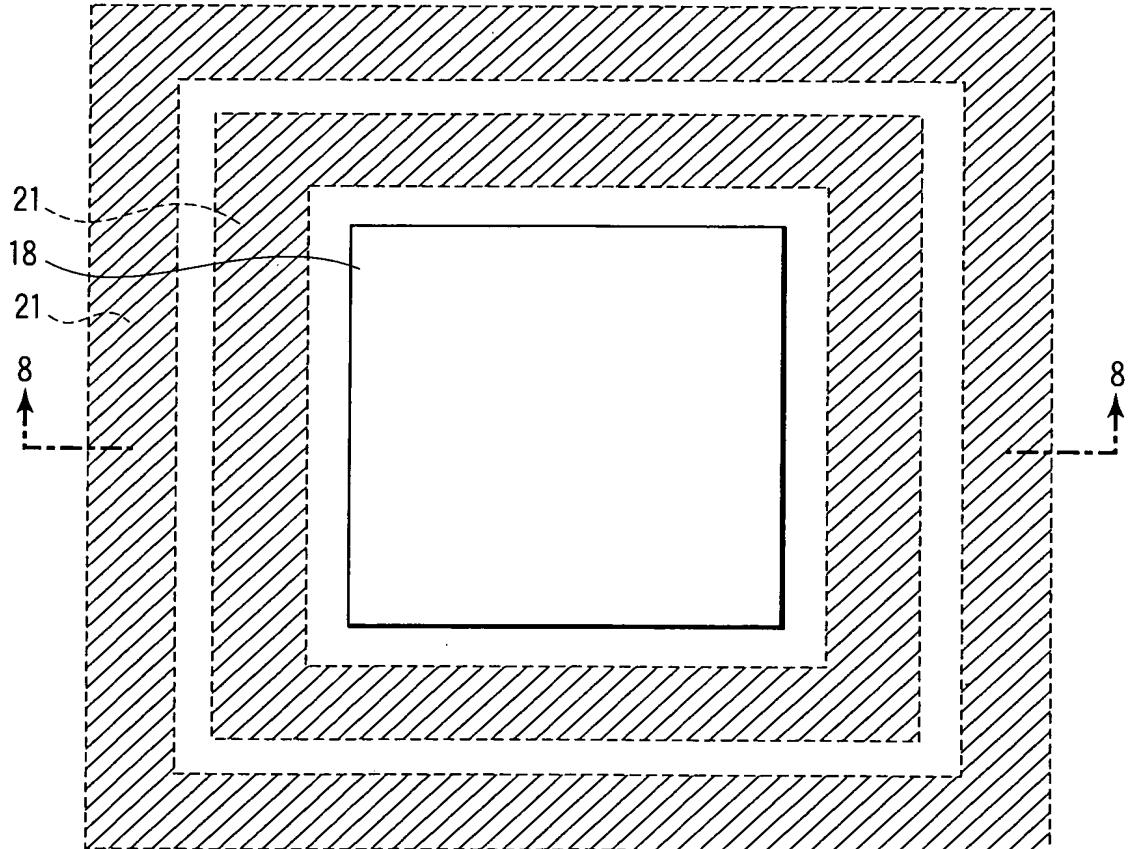


FIG. 7

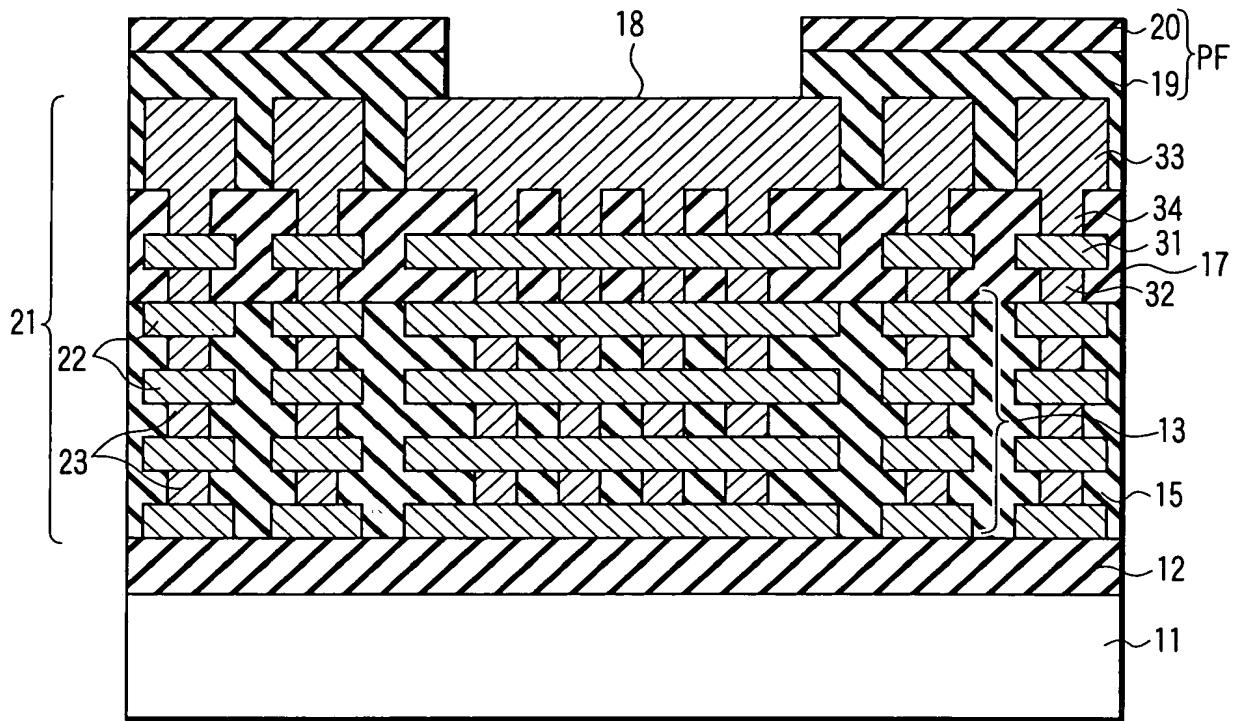


FIG. 8

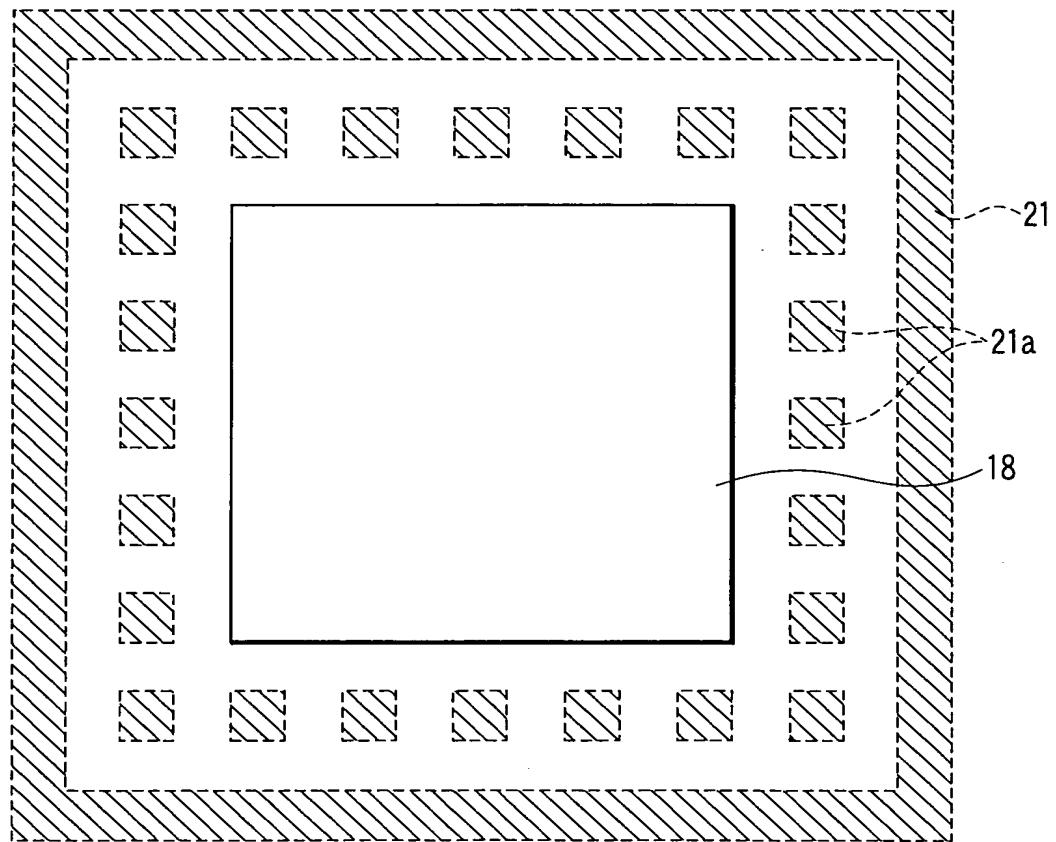
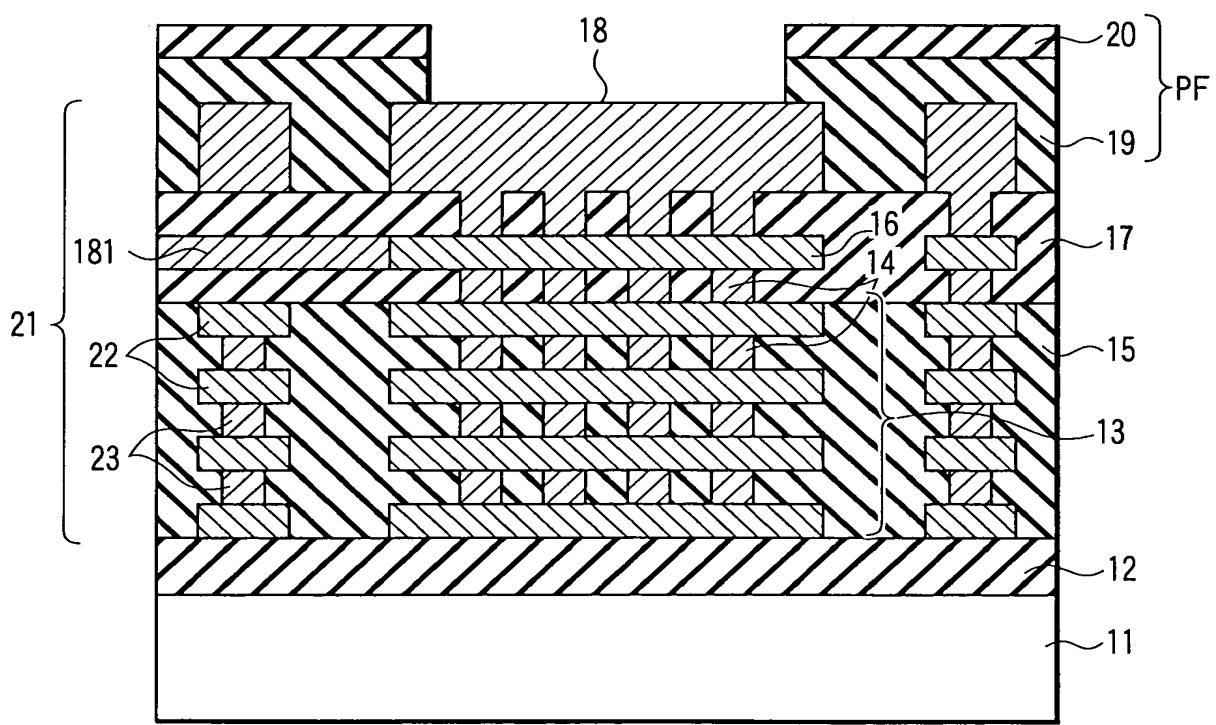
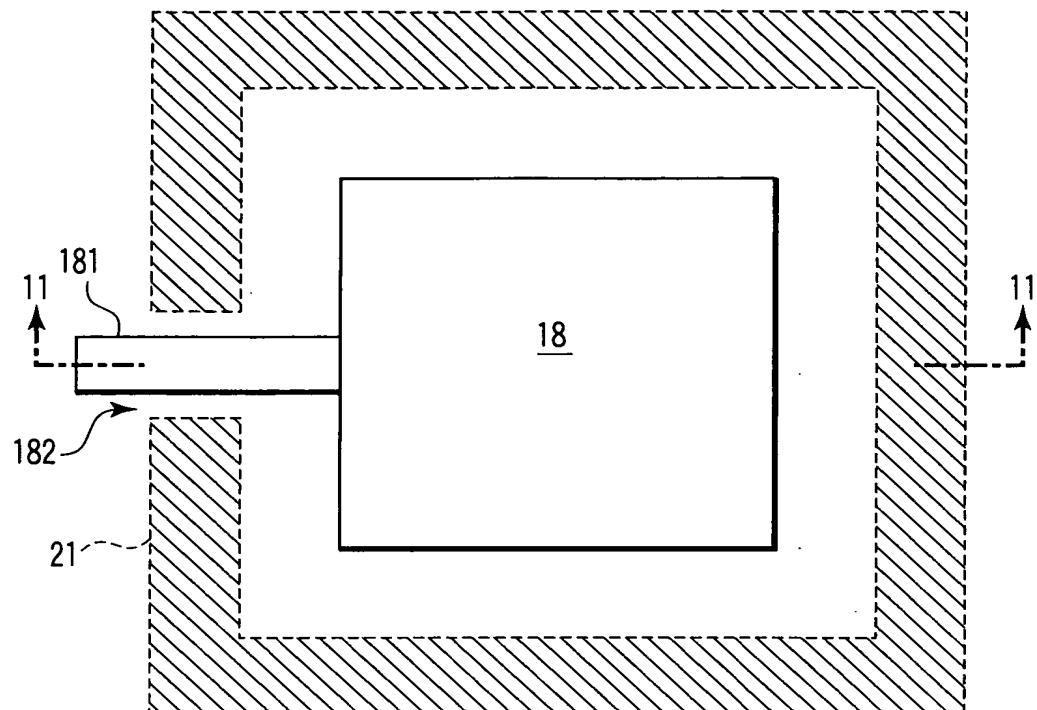


FIG. 9



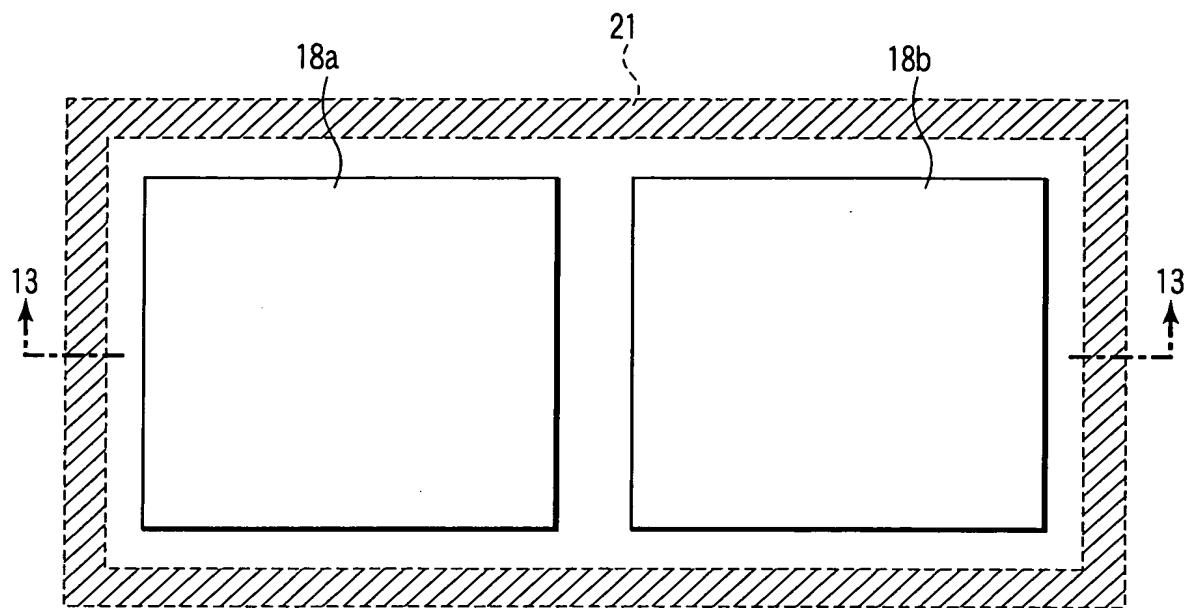


FIG. 12

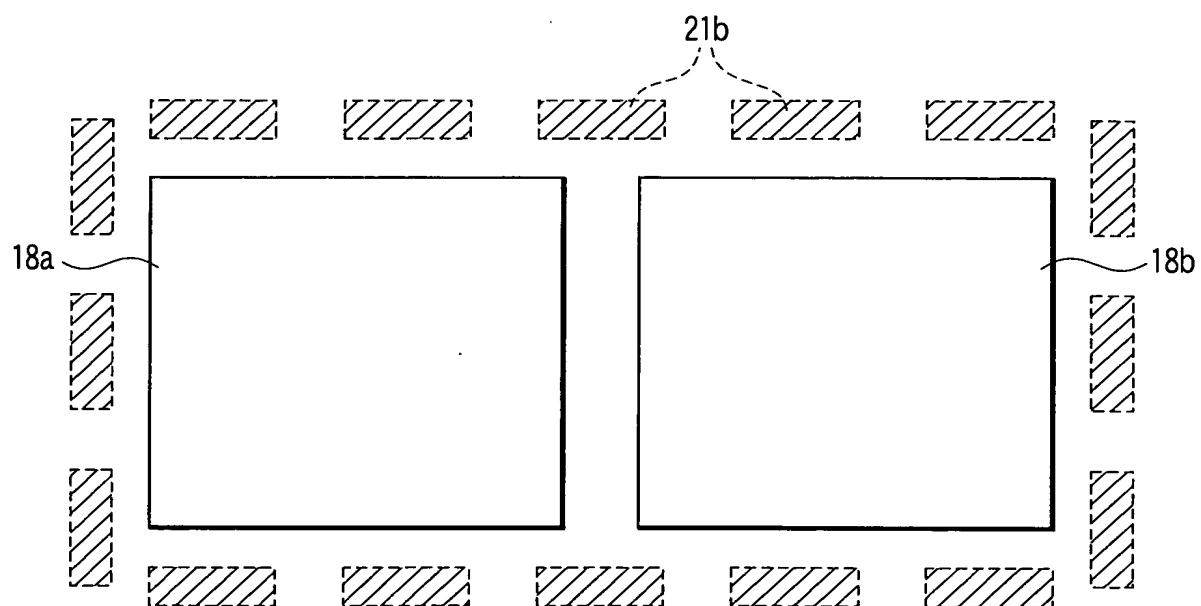


FIG. 15

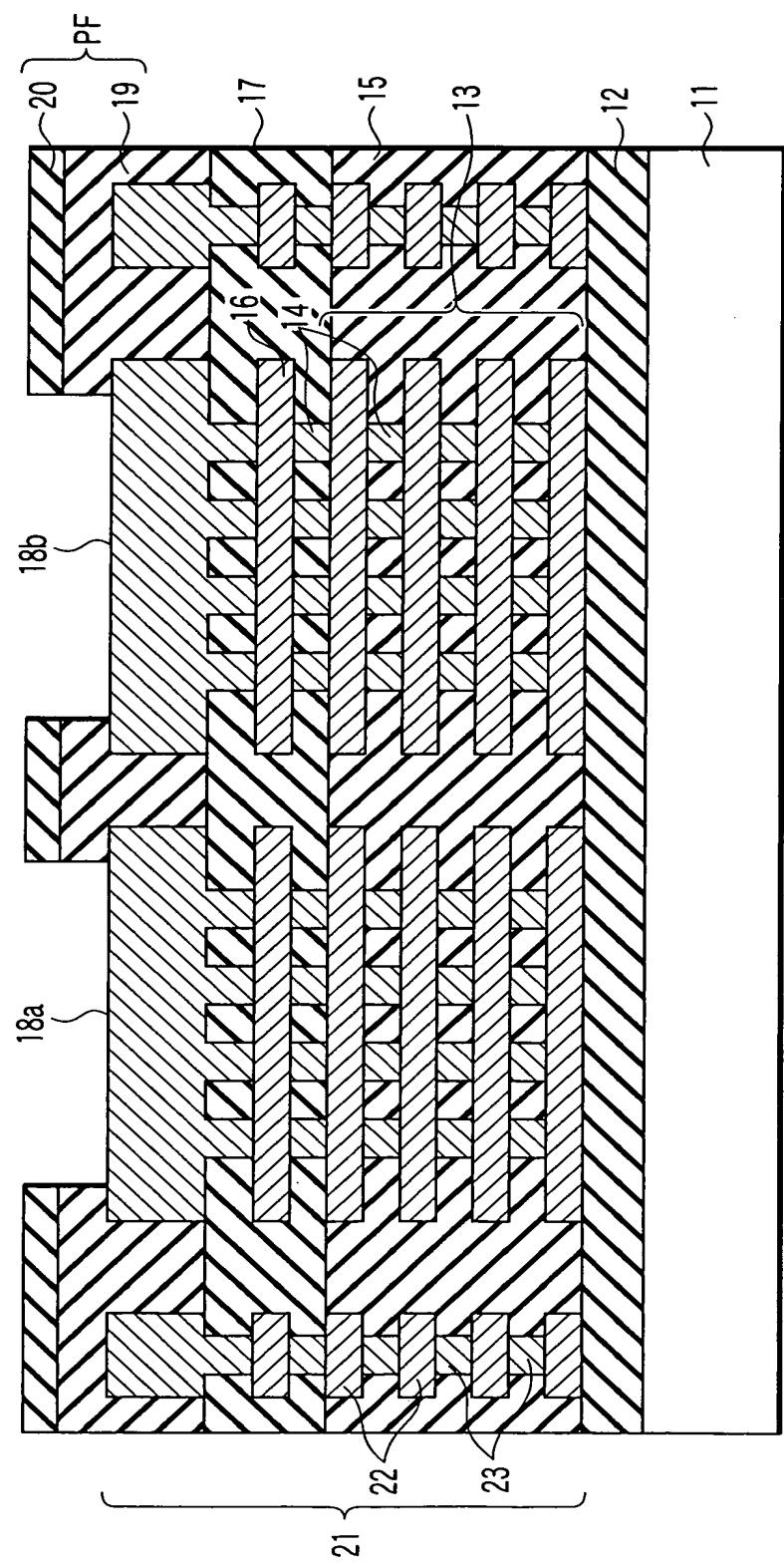


FIG. 13

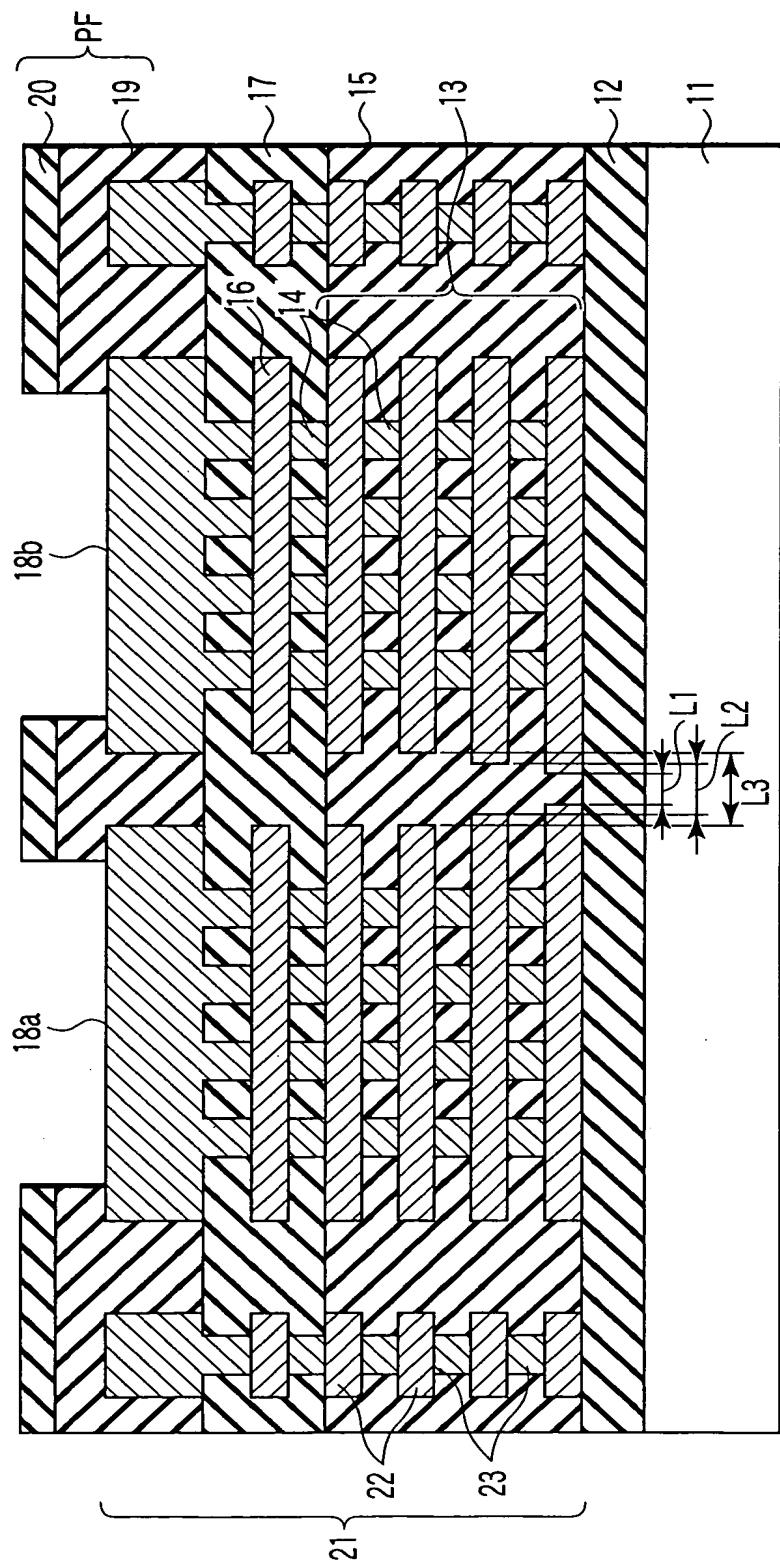


FIG. 14

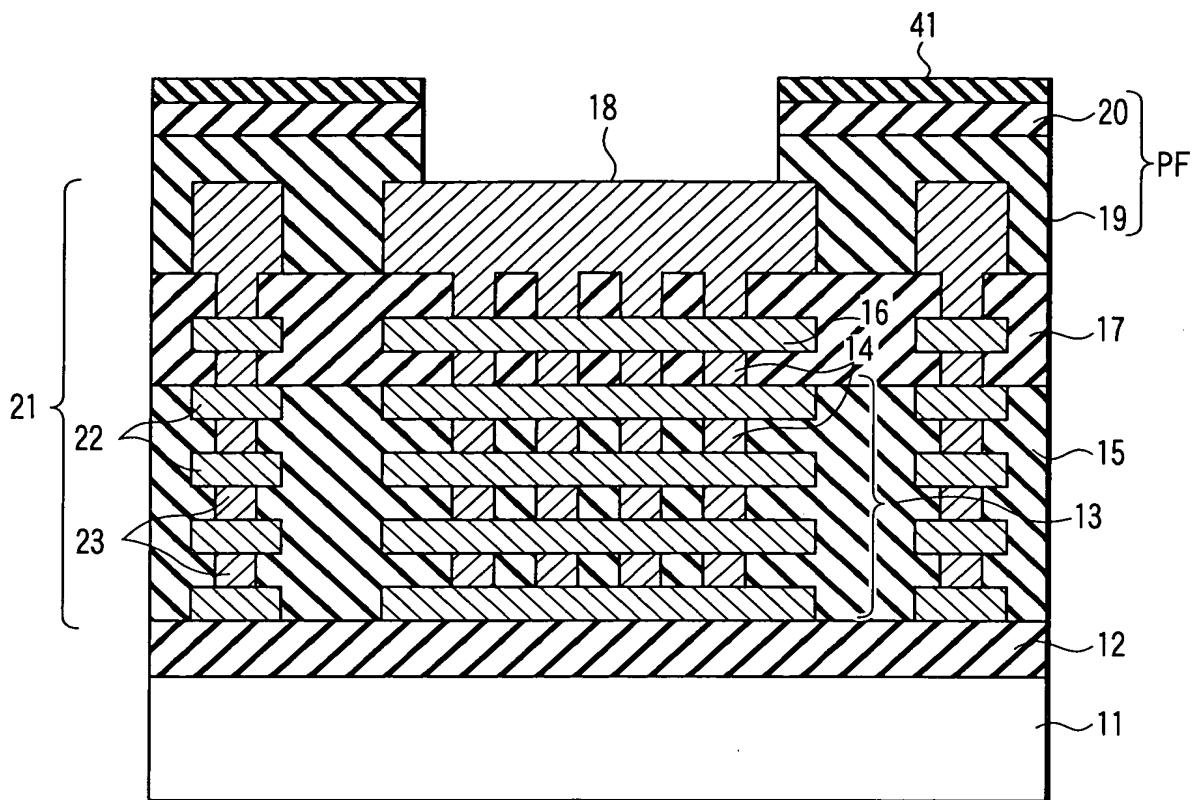


FIG. 16

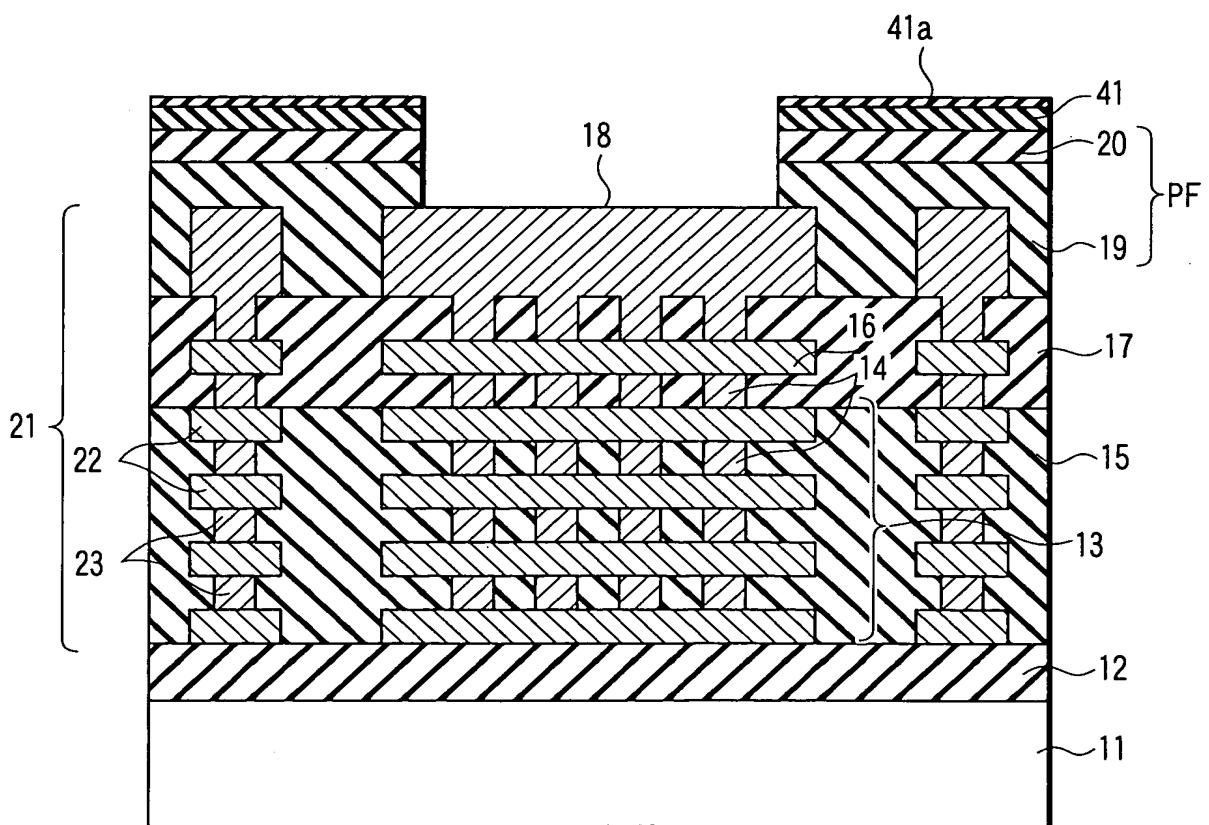


FIG. 17

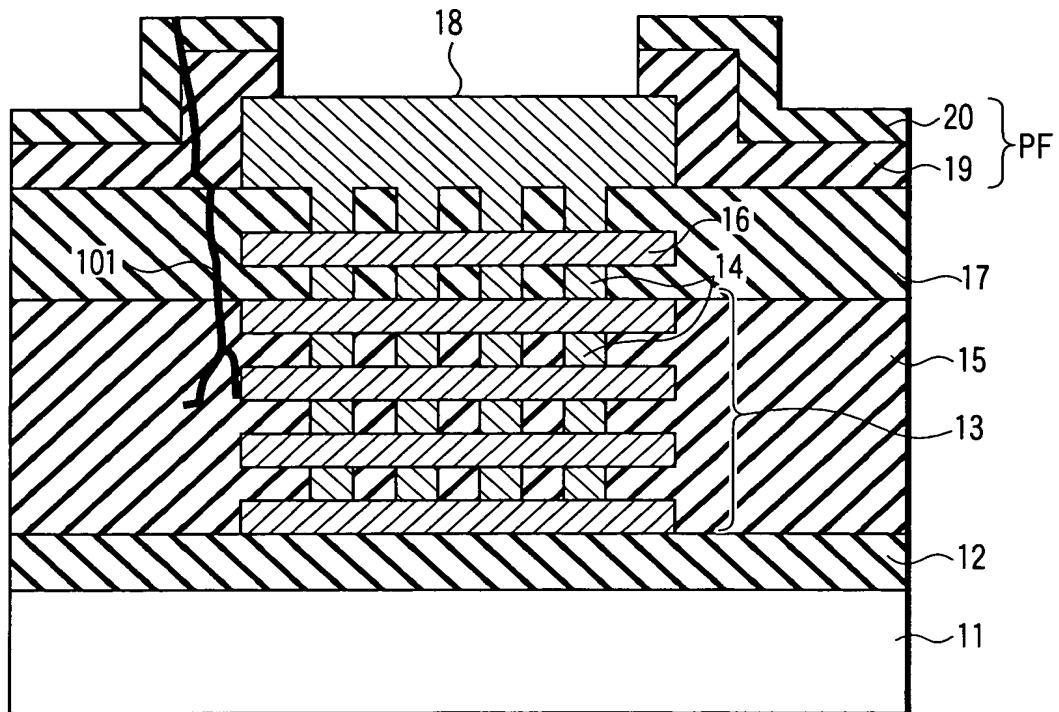


FIG. 18

		Young's modulus (GPa)
Metal material	Copper Tantalum Silicon	150 180 130
Insulating films	SiO_2 SiN	57 98
Insulating films of low dielectric constant	SiOC Organic SiOCH	2-20 1-10

FIG. 19

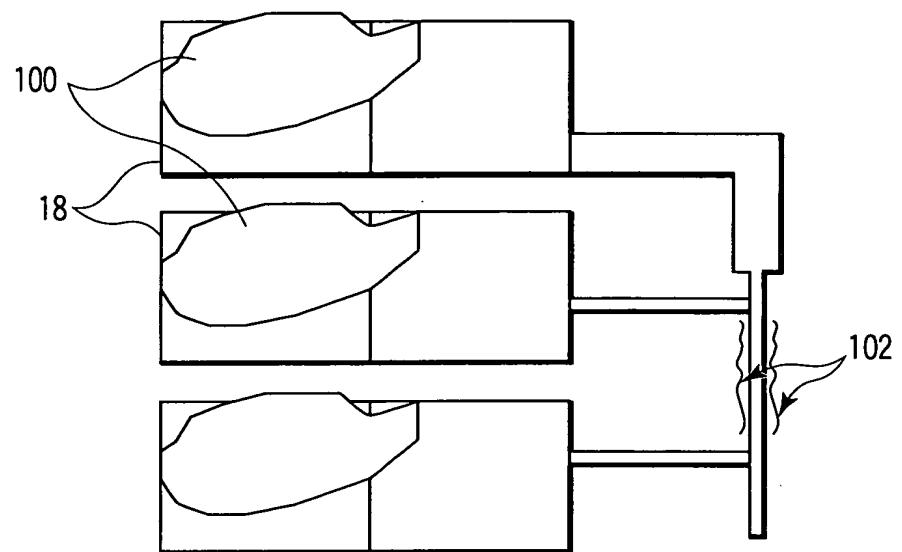


FIG. 20